

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 9 - 13 (canceled):

Claim 14 (currently amended): A knock-on sweep for a tillage implement including a mounting portion for frictionally securing the sweep in a mounted position independently of fasteners on a tool support of a shank for forward movement through soil, wherein the mounted position is dependent upon manufacturing tolerances in the tool support and mounting portion, and a retainer-engaging area located in the mounting portion and fixed with respect to the sweep for receiving retaining structure to prevent the sweep from dislodging from the sweep support, wherein the retainer-engaging area comprises a plurality of one-way retaining positions, the retaining position being dependent on the mounted position.

Claim 15 (original) The knock-on sweep set forth in claim 14 wherein the retainer-engaging area comprise an elongated portion on an underside of the mounting portion.

Claim 16 (original): The knock-on sweep set forth in claim 14 wherein the retainer-engaging area comprise a stepped sweep portion defining a plurality of generally flat contact areas.

Claim 17(currently amended): ~~The knock-on sweep set forth in claim 14~~
A knock-on sweep for a tillage implement including a mounting portion for frictionally securing the sweep in a mounted position independently of fasteners on a tool support of a shank for forward movement through soil, wherein the mounted position is dependent upon manufacturing tolerances in the tool support and mounting portion, a retainer-engaging area located in the mounting portion for receiving retaining structure to prevent the sweep from dislodging from the sweep support,

wherein the retainer-engaging area comprises a plurality of one-way retaining positions, the retaining position being dependent on the mounted position, and wherein the retainer-engaging area comprises a stepped portion formed within a blind concave area on the underside of the mounting portion.

Claim 18 (currently amended): A knock-on sweep for a tillage implement including a mounting stem providing a generally fastenerless connection of the sweep in a mounted position on a tool support of a shank for forward movement through soil, wherein the mounted position varies dependent upon tolerances in the tool support and the mounting portion stem, and a retainer-receiving area for engaging a retainer to prevent the sweep from dislodging from the sweep support, the retainer-receiving area including a one-way ratchet structure integral with the mounting stem providing retention of the sweep at a location closely adjacent the mounted position so that travel of the retained sweep relative to the tool support remains small regardless of the tolerances between components.

Claim 19 (original): The knock-on sweep set forth in claim 18 wherein the one-way ratchet structure comprises an elongated portion with spaced contact areas on an underside of the sweep.

Claim 20 (original): The knock-on sweep set forth in claim 18 wherein the one-way ratchet structure comprise a stepped sweep portion defining a plurality of generally flat, spaced contact areas for receiving the retainer, the contact area receiving the retainer dependent on the mounted position.

Claim 21 (currently amended): The knock-on sweep set forth in claim 18
A knock-on sweep for a tillage implement including a mounting stem providing a
generally fastenerless connection of the sweep in a mounted position on a tool
support of a shank for forward movement through soil, wherein the mounted position
varies dependent upon tolerances in the tool support and the mounting stem, a
retainer-receiving area for engaging a retainer to prevent the sweep from dislodging
from the sweep support, the retainer-receiving area including a one-way ratchet
structure providing retention of the sweep at a location closely adjacent the mounted

position so that travel of the retained sweep relative to the tool support remains small regardless of the tolerances between components, and wherein the retainer-receiving area is formed within a blind concave underside area of the sweep.

Claim 22 (currently amended): The knock-on sweep set forth in claim 21 wherein the underside area is located on the stem, and further including a raised area opposite the concave underside area for directing material away from the retainer-receiving area.

Claim 23 (original): The knock-on sweep set forth in claim 18 wherein the one-way ratchet structure comprises a tab formed in the mounting stem.

Claim 24 (currently amended): A knock-on sweep for a tillage implement including a mounting stem providing a wedge fit connection of the sweep in a mounted position on a tool support of a shank for forward movement through soil, wherein the mounted position varies dependent upon tolerances in the tool support and mounting portion, and a retainer area for engaging mating retainer structure to limit movement of the sweep from the mounted position and prevent the sweep from dislodging from the sweep support, the retainer area including means for retaining the sweep in one of a plurality of retaining positions, the retaining position of the sweep dependent upon the mounted position to limit the movement of the sweep from the mounted position, and wherein the retainer area is integral with the mounting stem of the sweep and is located on an underside of the mounting stem .

Claim 25 (original): The knock-on sweep set forth in claim 24 wherein the means for retaining comprises one-way ratchet structure.

Claim 26 (original): The knock-on sweep set forth in claim 24 wherein the retainer area comprises a plurality of retainer engaging areas located on an underside of the mounting stem.

Claim 27 (currently amended): ~~The knock-on sweep set forth in claim 24~~
A knock-on sweep for a tillage implement including a mounting stem providing a

wedge fit connection of the sweep in a mounted position on a tool support of a shank for forward movement through soil, wherein the mounted position varies dependent upon tolerances in the tool support and mounting portion, a retainer area for engaging mating retainer structure to limit movement of the sweep from the mounted position and prevent the sweep from dislodging from the sweep support, the retainer area including means for retaining the sweep in one of a plurality of retaining positions, the retaining position of the sweep dependent upon the mounted position to limit the movement of the sweep from the mounted position, and wherein the means for retaining includes a blind channel in the mounting stem.

Claim 28 (currently amended): ~~The knock-on sweep set forth in claim 24 A knock-on sweep for a tillage implement including a mounting stem providing a~~ wedge fit connection of the sweep in a mounted position on a tool support of a shank for forward movement through soil, wherein the mounted position varies dependent upon tolerances in the tool support and mounting portion, a retainer area for engaging mating retainer structure to limit movement of the sweep from the mounted position and prevent the sweep from dislodging from the sweep support, the retainer area including means for retaining the sweep in one of a plurality of retaining positions, the retaining position of the sweep dependent upon the mounted position to limit the movement of the sweep from the mounted position, and wherein the mounting stem is apertureless and the retainer area is located on an underside of the mounting stem.

Claim 29 (original): The knock-on sweep set forth in claim 24 wherein the mounting stem includes a tool accommodation space for inserting a removal tool between the stem and the tool support.

Claim 30 (original): The knock-on sweep set forth in claim 24 wherein the retainer area includes means facilitating hand-mounting of the sweep in a preliminary support position offset from the mounted position.